ABSTRACT

A source program analyzing section 11 performs various processes on a source program, generating source-program analysis data. The source-program analysis data is stored into a source-program analysis data storage section 12. On the basis of the source-program analysis data, an execution format generating section 13 generates an executable program for generating profile data. The executable program is executed, generating data. From this data, a profile data generating section 14 generates profile data. The execution format generating section 13 generates an optimal executable program on the basis of the source-program analysis data stored in the source-program analysis data storage section 12 and the profile data stored in the profile data generating section 14.